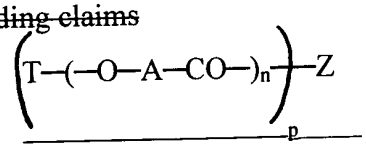
In the Claims

1. (cancelled)
2. (cancelled)
3. (cancelled)
4. (cancelled)
5. (cancelled)
6. (cancelled)
7. (cancelled)
8. (cancelled)
9. (cancelled)
10. (cancelled)
11. (cancelled)
12. (cancelled)
13. (cancelled)
14. (cancelled)
15. (currently amended) A ~~process~~ method for drop-on-demand printing an image on a substrate comprising applying a printing ink to the substrate by ink jet printing with an ink comprising a pigment, non-aqueous medium and a dispersant of formula 1 ~~thereto by means of a drop on demand ink jet printer a printing ink according to any one of the preceding claims~~



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wherein

T is hydrogen or a polymerization terminating group;

A is C_{8-20}-alkylene;

Z is the residue of a polyamine or polyimine wherein the number-average molecular weight is from 5,000 to 100,000;

n is from 2 to 20;

p is not less than 2; and

the weight ratio of $(T-(-O-A-CO)_n-)_p$ to Z is from 7:1 to 20:1.

16. (currently amended) A substrate printed with an ink ~~according to any one of claims 1 to 13, or~~ by ~~means of~~ the ~~process~~ method according to Claim 15.

17. (cancelled)

18. (new) A method as claimed in Claim 15, wherein the weight ratio of (T-(-O-A-CO)$_n$-)-$_p$ to Z is from 9:1 to 13:1.

19. (new) A method as claimed in Claim 15, wherein the dispersant is obtained by reacting the polyamine or polyimine with an end-capped polyoxyalkylene-carbonyl acid or polyoxyalkenylenecarbonyl acid (TPOAC acid) of formula 2:

T–(O–A–CO–)$_n$–OH (2)

where T, A, and n are as defined.

20. (new) A method as claimed in claim 19, wherein the TPOAC acid is derived from 12-hydroxystearic acid.

21. (new) A method as claimed in claim 19, wherein the TPOAC has a number-average molecular weight of from 800 to 2000.

22. (new) A method as claimed in Claim 15, wherein Z is the residue of polyethyleneimine.

23. (new) A method as claimed in Claim 15, wherein the non-aqueous medium is an aromatic or aliphatic hydrocarbon or mixture thereof.

24. (new) A method as claimed in Claim 15, wherein the ink additionally comprises a C_{10-30}-aliphatic fatty alcohol.

25. (new) A method as claimed in Claim 15, wherein the non-aqueous medium has a solubility parameter of 7.0 $MPa^{1/2}$ or less.

26. (new) A method as claimed in Claim 15, wherein the ink additionally

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27. (new) A method as claimed in Claim 15, wherein the ink additionally comprises a Receding Meniscus Velocity (RMV) modifier.

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28. (new) A method as claimed in claim 27, wherein the RMV modifier is a linear phenolic polymer.

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29. (new) A method as claimed in Claim 15, wherein the ink has a viscosity at 25 °C of less than 50 cP.

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30. (new) A method as claimed in Claim 15, wherein the weight ratio of (T-(-O-A-CO)$_n$-)-$_p$ to Z is from 7:1 to 13:1.

31. (new) A method as claimed in Claim 15, wherein the weight ratio of (T-(-O-A-CO)$_n$-)-$_p$ to Z is from 10:1 to 13:1.

32. (new) A method as claimed in Claim 15, wherein Z is the residue of a polyamine.

33. (new) A method as claimed in Claim 15, wherein Z is the residue of a polyimine.